PRESENT SITUATION in the WATER SECTOR

Only approximately 14% of the rural population have access to safe water (based on a norm of 500 people per water point).

The overall level of access to and appropriate use of sanitation facilities is virtually non-existent in rural areas.

The sector institutions are still weak and in the process of being built up.

The incidence of waterborne diseases is widespread: Approximately one in four children dies before turning five; 48% of these deaths result from water related diseases.

Southern Sudan bears an estimated 80 to 90 percent of the world’s remaining guinea worm disease burden.

Disputes over access to land and water are a major cause of disputes and intercommunity conflicts.

Improvement of the water and sanitation situation is the driving force for:
- sustainable development and the eradication of poverty and hunger,
- indispensable for human health and welfare and
- extremely relevant and important as peace dividend!
GOSS has developed a National Program with the aim to give 60% of the population access to adequate and safe water within the next 10 years in order to achieve the Millennium Development Target.

Part of the GOSS indicative national program in the water sector for the first 4 years will be implemented by GOSS with support from MDTF. Other elements of the program will continue to be implemented by GOSS or other supporting partners (e.g. UN agencies, donors and NGOs).

The entire program will be overseen and monitored by GOSS / MCRD to ensure consistency, coordination in planning and to facilitate GOSS / MCRD in implementing their national policies as they develop.

Therefore a close donor coordination among government, donors and implementing agencies is essential to strengthen partnership and to reach the targets set for the water and sanitation sector.

Objectives:

- increase access to safe water and sanitation facilities in all states throughout Southern Sudan and
- to build capacity for
  - sustainable management,
  - regulation and expansion of the rural water and sanitation sector
Additional 1.8 million people in rural areas of Southern Sudan gain access to safe water and will be sensitized to key hygiene messages and support for hygienic behaviour change.

At least 4000 households in rural and suburban areas of Southern Sudan gain access to safe excreta disposal at the household or community level.

225 schools and health units shall be equipped with appropriate sanitation facilities.

80 sustainable public latrines shall be constructed in small market centres, bus stops and other public places.

All services will be provided through arrangements, facilities and services which are cost effective, appropriate and sustainable and are part of a sustained National Program.
## GOSS Indicative National Program

**Indicative 4-year national program and GOSS / MDTF participation – WATER SUPPLY**

<table>
<thead>
<tr>
<th>Drilling season</th>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>Total Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Borehole Schemes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(including emergency boreholes and combined water points)</td>
<td>Total</td>
<td>1000</td>
<td>1350</td>
<td>1400</td>
<td>1875</td>
<td>5625</td>
</tr>
<tr>
<td></td>
<td>GoSS/MDTF</td>
<td>300</td>
<td>600</td>
<td>750</td>
<td>1000</td>
<td>2650</td>
</tr>
<tr>
<td>Schemes rehabilitated</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(maintained to keep it operational)</td>
<td>Total</td>
<td>400</td>
<td>450</td>
<td>600</td>
<td>800</td>
<td>2250</td>
</tr>
<tr>
<td></td>
<td>GoSS/MDTF</td>
<td>100</td>
<td>300</td>
<td>400</td>
<td>550</td>
<td>1350</td>
</tr>
<tr>
<td>Schemes repaired (and put back into operation)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>-</td>
<td>250</td>
<td>300</td>
<td>200</td>
<td>750</td>
</tr>
<tr>
<td></td>
<td>GoSS/MDTF</td>
<td>-</td>
<td>250</td>
<td>300</td>
<td>200</td>
<td>750</td>
</tr>
<tr>
<td>Springs and wells</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>160</td>
</tr>
<tr>
<td></td>
<td>GoSS/MDTF</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>160</td>
</tr>
<tr>
<td>Alternative technologies (small &amp; medium schemes)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>-</td>
<td>15</td>
<td>30</td>
<td>30</td>
<td>75</td>
</tr>
<tr>
<td></td>
<td>GoSS/MDTF</td>
<td>-</td>
<td>15</td>
<td>30</td>
<td>30</td>
<td>75</td>
</tr>
<tr>
<td>Construction of water ponds (hafir) and barriers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>-</td>
<td>55</td>
<td>55</td>
<td>55</td>
<td>165</td>
</tr>
<tr>
<td></td>
<td>GoSS/MDTF</td>
<td>-</td>
<td>27</td>
<td>28</td>
<td>33</td>
<td>88</td>
</tr>
</tbody>
</table>

## Indicative 4-year national program and GOSS / MDTF participation – SANITATION

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>Total Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-financed household latrines</td>
<td>Total</td>
<td>1000</td>
<td>1000</td>
<td>1500</td>
<td>1500</td>
<td>5000</td>
</tr>
<tr>
<td></td>
<td>GoSS/MDTF</td>
<td>500</td>
<td>1000</td>
<td>1000</td>
<td>1500</td>
<td>4000</td>
</tr>
<tr>
<td>School and institutional latrines</td>
<td>Total</td>
<td>40</td>
<td>130</td>
<td>130</td>
<td>100</td>
<td>400</td>
</tr>
<tr>
<td></td>
<td>GoSS/MDTF</td>
<td>-</td>
<td>50</td>
<td>75</td>
<td>100</td>
<td>225</td>
</tr>
<tr>
<td>Public latrines</td>
<td>Total</td>
<td>10</td>
<td>25</td>
<td>25</td>
<td>20</td>
<td>80</td>
</tr>
<tr>
<td></td>
<td>GoSS/MDTF</td>
<td>10</td>
<td>25</td>
<td>25</td>
<td>20</td>
<td>80</td>
</tr>
</tbody>
</table>
The GOSS/MDTF-program within the next 4 years includes following five components:

Component 1: Community / Domestic Water Supply in Rural Areas
Component 2: Improvement in community / Household Rural Sanitation
Component 3: Capacity Building
Component 4: Information Base
Component 5: Project Management Team

The project components have been designed to promote rapid delivery while building the capacity of MCRD and State Level implementing ministries and partners to deliver sustainable long term access to water supply and sanitation.

The focus is on MCRD’s central role in overseeing the national program; both the implementation arrangements and the capacity building components
Rural Water and Sanitation Project

PROJECT COMPONENTS for 4-year GOSS/MDTF-Program

C 1 WATER

- Construction of over 2,650 borehole schemes and 75 larger water supply systems,
- Rehabilitation of around 1350 existing boreholes and of 750 boreholes which are not functional
- Construction of open water reservoirs, erection of distribution and warehouses and
- Supply of spare parts for the counties
- Providing support to organize communities around water user association to enable them to better organize for effective operation and maintenance of water points and network systems.

C 2 SANITATION

- Construction of latrines in schools and hospitals
- Construction and establishment of management arrangements for public latrines in rural areas
- Assisting households to acquire sanitation facilities as part of a process of developing an effective sanitation program
- Health promotion and sanitation marketing (in cooperation with the Ministry of Health)
- Development of a strategic action plans for selected small towns / suburbs
**PROJECT COMPONENTS for 4-year GOSS/MDTF-Program**

**C 3 CAPACITY BUILDING**
- Support in building the capacity of MCRD in planning and oversight of the national sector plan, regulation, monitoring and evaluation through provision of specialist expertise, funds for monitoring and evaluation studies, and some equipment and facilities for MCRD and MWRI.
- Provision of training facilities to provide courses and workshop for the technical, financial and institutional staff of the rural water and sanitation department.
- Providing funds for visits to successful water and sanitation utilities in neighbouring countries.
- Provision of water quality testing kits at the state and county level.
- Support and assistance for institutional arrangements and coordination between the 3 ministries.

**C 4 INFORMATION BASE**
- Project monitoring and project progress evaluation.
- Updating and improvement of existing database of water points (management information system) and mapping and status of water points.
- Compilation of existing groundwater data.
- Preparation of rural sanitation KAP (Knowledge-Attitude-Practice) study.
- Preparation of financial strategies for small towns / communities for water and sanitation.

**C 5 PROJECT MANAGEMENT**
- Assistant to the Project Management Team Leader; M&E Specialist.
- Water and Sanitation Specialist.
- Procurement Officer.
- Finance Officer.
- Designer / Draftsman.
- Office costs.
**Rural Water and Sanitation Project MCRD**

**Committee**
- Providing overall policy and strategy direction for the project
- Decision making; presenting priorities to PMT for initiating projects
- Coordination with MDTF donors
- Managing donor and GOSS counterpart funds
- Overseeing implementation and monitoring progress of the different MDTF-funded activities

**STATE WAS-Committee**
- Verifying information from counties/payams, identifying selecting priority counties/payams for community development work, proposing to WAS-Committee

**Project Management Team** (preparation and implementation of works)

**WAS-Committee**
- QUARTERLY MEETINGS
- Half-Year Meetings

**STATE WASC-Committee**
- Information from communities, payams, boma, counties

**State Project Management Team** (monitoring & controlling of works)
DETAILED IMPLEMENTATION ARRANGEMENTS

Project Management Team

**Team consisting out of:**
- Project Director
- Water and Sanitation Specialist
- M&E specialist
- draftsman,
- Financial Officer
- Procurement Officer

**Responsible for:**
- detailed design,
- implementation management,
- planning,
- communication,
- coordination,
- financial management and
- procurement management for all project activities.

State Project Management Team (required for each State)

**Team consisting out of:**
- State Team Project Leader
- Administration Officer

**Responsibilities:**
- Acting as secretariat to the State WAS committee
- Drawing up recommendations for annual state workplans, selection of priority counties and payams
- Locations of larger water supply systems,
- Institutional and public sanitation blocks
- Recommendations for the focus of hygiene activities
- Reviewing progress against the project workplan
- Reporting on quarterly base to the PMT on progress against agreed targets
- Acting as contact and liaison point for contractors to facilitate communications with the PMT
## Project Costs

<table>
<thead>
<tr>
<th>Component</th>
<th>4 Years Indicative National Program Amount [US$]</th>
<th>Water &amp; Sanitation Project GoSS / MDTF - 4 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Component 1: Community/ Domestic Water Supply in rural areas</td>
<td>108,998,800</td>
</tr>
<tr>
<td>2</td>
<td>Component 2: Improvement in community / household Rural Sanitation</td>
<td>4,535,540</td>
</tr>
<tr>
<td>3</td>
<td>Component 3: Capacity Building</td>
<td>7,880,000</td>
</tr>
<tr>
<td>4</td>
<td>Component 4: Information Base</td>
<td>1,160,000</td>
</tr>
<tr>
<td>5</td>
<td>Project Management</td>
<td>2,520,000</td>
</tr>
<tr>
<td>6</td>
<td>Unforeseen</td>
<td>11,255,434</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>136,349,774</td>
<td>86,090,334</td>
</tr>
</tbody>
</table>

MDTF (1/3): 28,696,778  
GoSS (2/3): 57,393,556  
**TOTAL:** 136,349,774  
86,090,334
## Project Costs & Reservation of Funds

### Yearly Program Costs for WSP GoSS / MDTF

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MDTF (1/3):</td>
<td>20,690,778</td>
<td>2,510,186</td>
<td>7,610,180</td>
<td>9,049,698</td>
</tr>
<tr>
<td>GoSS (2/3):</td>
<td>57,393,556</td>
<td>5,020,371</td>
<td>15,220,319</td>
<td>18,099,396</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td>76,080,334</td>
<td>7,530,557</td>
<td>22,830,479</td>
<td>27,149,094</td>
</tr>
</tbody>
</table>

### Reservation of Funds Per Year for WSP GoSS / MDTF

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MDTF:</td>
<td>20,690,778</td>
<td>15,000,000</td>
<td>7,500,000</td>
<td>4,000,000</td>
</tr>
<tr>
<td>GoSS:</td>
<td>57,393,556</td>
<td>5,000,000</td>
<td>15,000,000</td>
<td>10,000,000</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td>76,080,334</td>
<td>20,000,000</td>
<td>22,500,000</td>
<td>22,000,000</td>
</tr>
</tbody>
</table>

WSP = Water and Sanitation Program
Thank you for your attention